

DAVIS OIL COMPANY  
BOX 534  
MILLS, WYOMING 82644  
PHONE 307/265-3452



August 10, 1981

U.G. Geologic Survey  
Drawer 600  
Farmington, New Mexico 87401

RECEIVED  
AUG 12 1981  
DIVISION OF  
OIL, GAS & MINING

Re: #1-A South Ismay  
NE NE Sec. 30-T40S-R26E  
San Juan County, Utah

Dear Sirs:

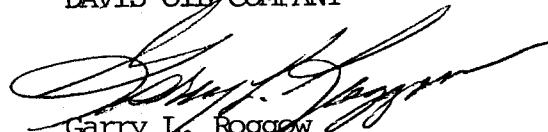
Enclosed please find for your approval, an original and three copies of the Application for Permit to Drill, together with four copies of the Staking Plat covering the drilling of the captioned proposed test. Designation of Operator from Union and Sun will be forthcoming.

By carbon copy of this letter to the Utah State Oil & Gas Commission, we are furnishing them with a copy of our application and staking plat.

Your early attention to the approval of said application will be appreciated.

Very truly yours,

DAVIS OIL COMPANY

  
Garry L. Roggaw  
Field Representative

GLR/jc  
Enclosures

cc: Utah State Oil & Gas Commission

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYRECEIVED  
JUL 12 1964  
DIVISION OF  
OIL, GAS & MINING

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☒PLUG BACK ☐

## b. TYPE OF WELL

OIL WELL ☒GAS WELL ☐OTHER ☐

## 2. NAME OF OPERATOR

DAVIS OIL COMPANY

## 3. ADDRESS OF OPERATOR

410 17th Street, Suite 1400, Denver, Colorado 80202

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface NE NE Sec. 30, T40S, R26E

At proposed prod. zone

660' FNL, 1160' FEL

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

10 miles south to Aneth, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660' north or east

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

3000' southeast 5867'

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4988' GR Est., 4998' KB Est.

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36# K-55	STC (NEW)	0-1500' 800 sxs. est.
8 3/4"	5 1/2"	15.5# K-55	LTC (NEW)	0-5867' 500 sxs. est.

## 5. LEASE DESIGNATION AND SERIAL NO.

2055

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

South Ismay

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

## 9. WELL NO.

#1-A

## 10. FIELD AND POOL, OR WILDCAT

Wildcat Undesignated

11. SEC., T., R. M., OR BLK.  
AND SURVEY OR AREA

Sec. 30, T40S, R26E

## 12. COUNTY OR PARISH

San Juan

## 13. STATE

Utah

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

## 20. ROTARY OR CABLE TOOLS

Rotary

## 22. APPROX. DATE WORK WILL START\*

Upon approval

(SEE TEN POINT PROGRAM)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 8/14/64

BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Ed Lafaye

TITLE Chief Geologist

DATE

(This space for Federal or State office use)

PERMIT NO.

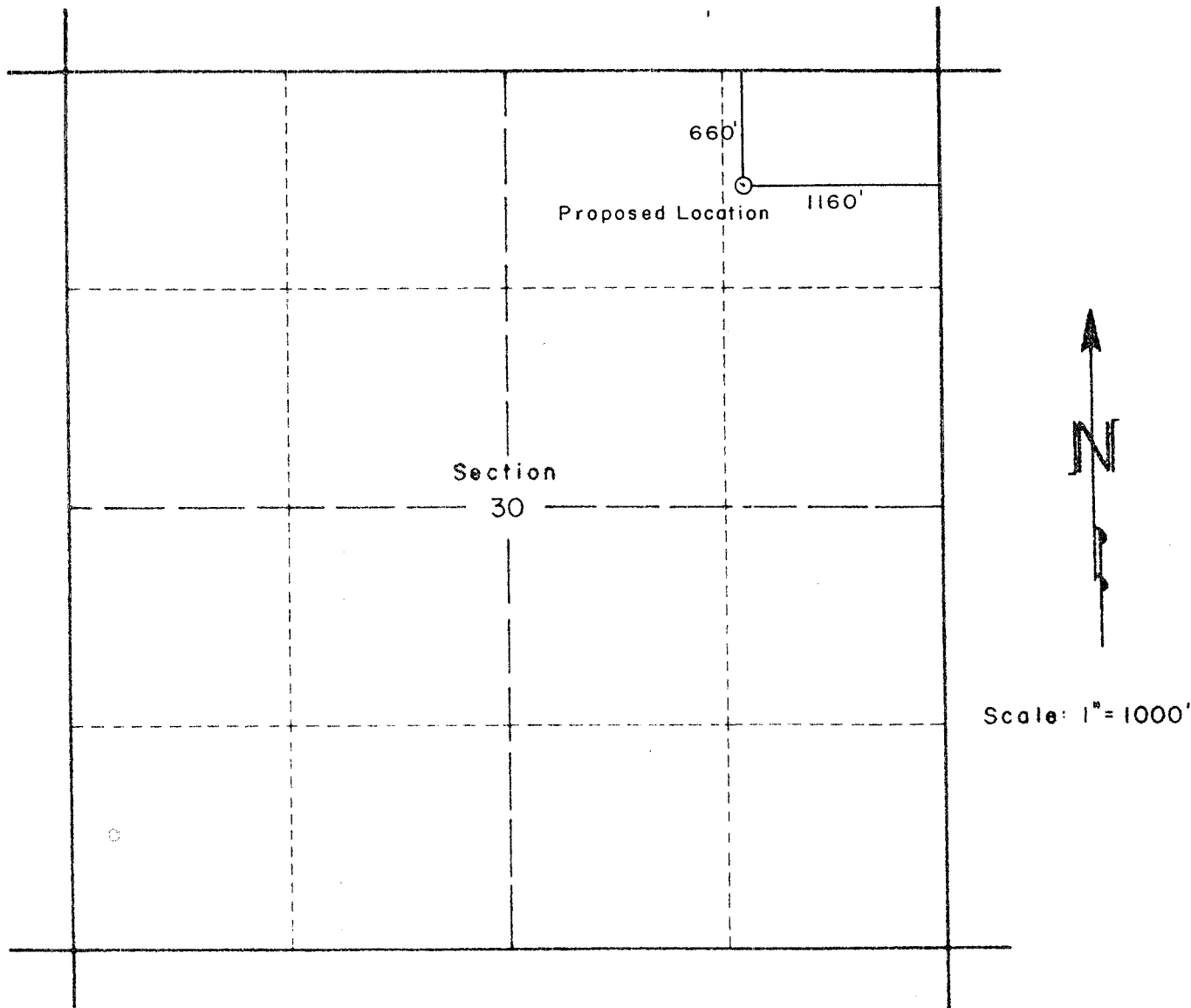
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



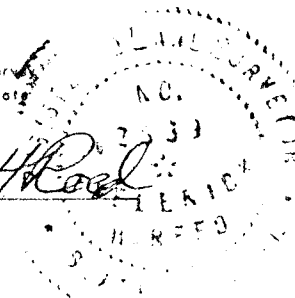
# WELL LOCATION: DAVIS OIL COMPANY-NO. 1-A SOUTH ISMAY

Located 660 feet South of the North line and 1160 feet West of the East line of Section 30,  
 Township 40 South , Range 26 East , Salt Lake Base and Meridian  
 San Juan County, Utah  
 Existing ground elevation determined at 4988 feet based on U.S.G.S. datum.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

*Frederick H. Reed*

FREDERICK H. REED  
 Registered Land Surveyor



DAVIS OIL COMPANY  
 Denver, Colorado

WELL LOCATION PLAT  
 NO. 1-A SOUTH ISMAY  
 SEC. 30, T. 40 S., R. 26 E.  
 SAN JUAN COUNTY, UTAH

CLARK-REED & ASSOC.  
 Durango, Colorado

DATE: 8-4-81  
 FILE NO: 81055

## TEN POINT PROGRAM

1) SURFACE FORMATION: Morrison

2 & 3) ESTIMATED TOPS: (Water, Oil, Gas or Mineral bearing formations)

Morrison	surface	mudstone, tite
Ismay	5517'	limestone and anhydrite
Potential Pay, Upper Ismay	5575'	porous, oil bearing limestone
Potential Pay, Lower Ismay	5645'	porous oil bearing limestone
Gothic Shale	5663'	black shale
Desert Creek	5711	limestone & anhydrite
Akah	5847'	anhydrite & limestone
Total Depth	5867'	

4) CASING PROGRAM:

12 1/4", 9 5/8" 36# K-55 STC(NEW) 0-1500' 800 sxs. est.  
8 3/4", 5 1/2" 15.5# K-55 LTC(NEW) 0-5867' 500 sxs. est.

5) PRESSURE CONTROL EQUIPMENT: (See attached schematic diagram) BOP's and choke manifold will be installed and pressure tested before drilling out under surface casing and then will be checked daily as to mechanical operating condition. Ram type preventors and related pressure control equipment will be pressure tested to rated working pressure of the stack assembly or to 70% of the minimum internal yield pressure of the casing. Annular type preventors will be tested to 50% of their rated working pressure. BOP's will be pressure tested at least once every 30 days.

6) MUD PROGRAM:

0-1500' spud mud  
1500-2500' treated water  
2500-5867' LSND Maximum mud weight 9-10 based on offset of wells.  
35-45 vis., 10 cc W.L., PH 9-10:  
Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at wellsite.

7) AUXILLIARY EQUIPMENT:

- 1) Kelly Cock.
- 2) Drill Pipe Float (Except for lost circulation drilling conditions)
- 3) Monitoring of Mud System will be visual unless otherwise specified.
- 4) A sub on the floor with a full opening valve to be stabbed into drill pipe when Kelly is not in the string.

8) LOGGING:

GR-SP-DIL; BHC Sonic-GR, all from base of surface casing to total depth.  
CNL-FDC - from 5000' to total depth.  
Dipmeter - from base of surface casing to total depth.  
CORING:

none planned

8) Continued -

TESTING:

- 2 DST's Ismay
- 1 DST Desert Creek or Akah

STIMULATION:

Ismay, Desert Creek or Akah - acidize each potential pay zone with 7500 gallons HCL.

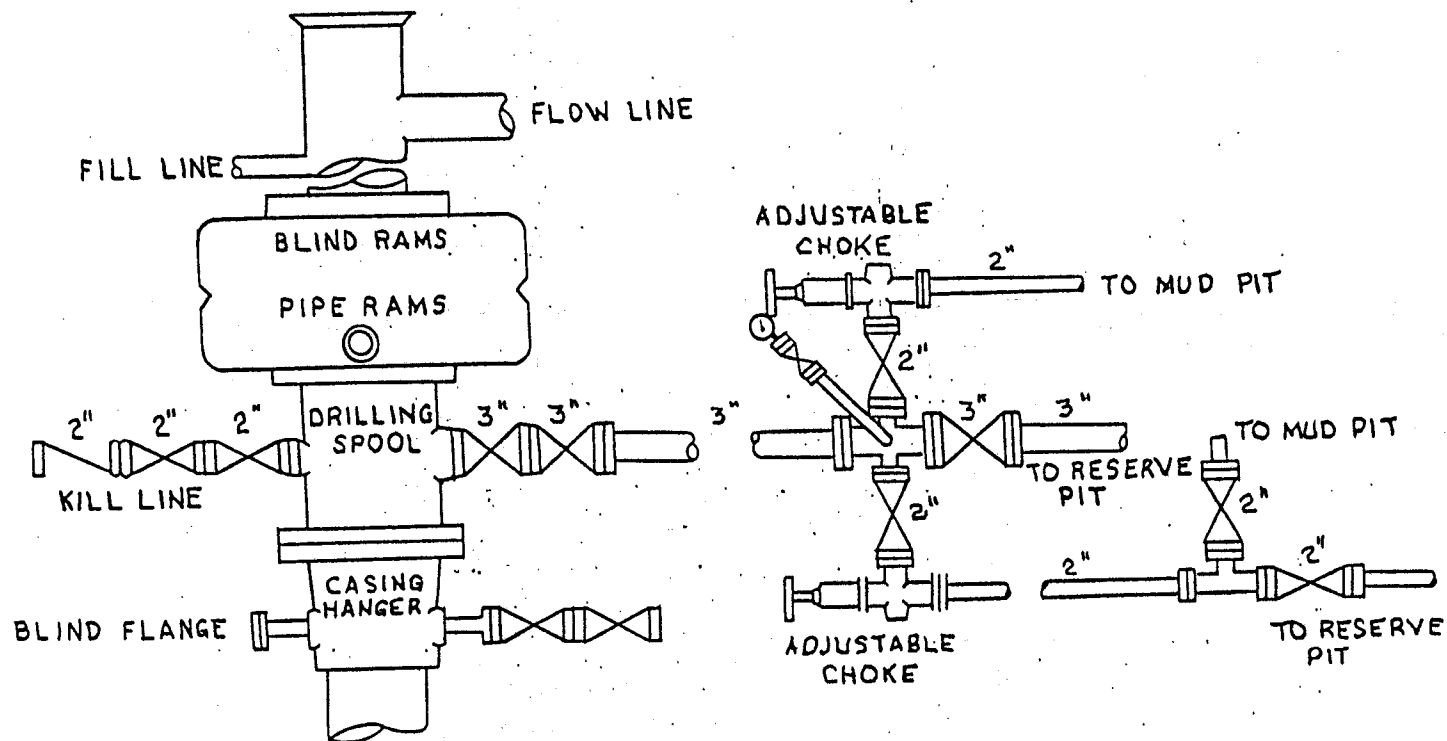
Actual volume of treatment will be dependent upon thickness of pay and evaluation of zone of interest.

- 9) ABNORMAL PRESSURE: This firm does not anticipate any abnormal pressure of temperatures or any other hazards. This is based on previous geological data from nearby wells.

ESTIMATED BOTTOMHOLE PRESSURE: 3000 PSI.

- 10) ANTICIPATED STARTING DATE: Within 30 - 45 days from Government approval.

DURATION OF OPERATION: 30-60 Days.



DAVIS OIL COMPANY

ARAPAHOE RIG

BLOW-OUT PREVENTION SYSTEM

12" 900 SERIES SHAFFER TYPE 48

3000 LBS. WP

\*\* FILE NOTATIONS \*\*

DATE: Aug. 13, 1981

OPERATOR: Davis Oil Co.

WELL NO: South Ismay #1-A

Location: Sec. 30 T. 40S R. 26E County: San Juan

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-037-30706

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_

Director: OK as per rule C-3(c)

Administrative Aide: OK as per Rule C-3(c) needs topo  
OK on any other oil or gas well.

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage  
within a 660' radius of proposed site ☐

Lease Designation Leed

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☐

P.I. ☐

August 14, 1981

Davis Oil Company  
410 17th St., STE. #1400  
Denver, Colo. 80202

RE: Well No. South Ismay #1-A,  
Sec. 30, T. 40S, R. 26E,  
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), in the General Rules and Regulations and Rules of Practice and Procedure. However, this is conditional upon this office receiving a statement from your company stating that you own or control ~~660~~ acreage within a 660' radius of the proposed well site.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30706.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight  
Director



DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: Davis Oil

WELL NAME: South Ismay #1-A

NE NE SECTION 30 TOWNSHIP 40S RANGE 26E COUNTY San Juan

DRILLING CONTRACTOR Arapahoe

RIG # 11

SPODDED: DATE 9-17-81

TIME 8:00 p.m.

How Rotary

DRILLING WILL COMMENCE Same

REPORTED BY Charlie Powell

TELEPHONE # 303-565-6527

DATE 9-18-81 SIGNED R. Bradley

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL & GAS CONSERVATION**  
 1588 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 533-5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. \_\_\_\_\_  
 Indian Lease No. 2055  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY San Juan FIELD/LEASE Wildcat/South Ismay

The following is a correct report of operations and production (including drilling and producing wells) for the month of:

SEPTEMBER, 19 81

Agent's Address 410 17th St.  
Suite 1400  
Denver, Co. 80202  
 Phone No. (303) 623-1000

Company DAVIS OIL COMPANY  
 Signed P. M. Sullivan  
 Title Production Services Manager

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NE 30	40S	26E	1-A	0	0	-	0	0	0	9-17-81 SPUDDED WELL. 9-19-81 RAN 37 JTS 9 5/8" 36# K55. SET @ 1333' KB. CMTD. W/ 596 SX5 9-20-81 DRLLG. @ 2018'.

**GAS: (MCF)**

Sold NONE  
 Flared/Vented ✓  
 Used On/Off Lease \_\_\_\_\_

**OIL or CONDENSATE: (To be reported in Barrels)**

On hand at beginning of month NONE  
 Produced during month \_\_\_\_\_  
 Sold during month \_\_\_\_\_  
 Unavoidably lost \_\_\_\_\_  
 Reason: \_\_\_\_\_  
 On hand at end of month ✓

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
1588 WEST NORTH TEMPLE  
SALT LAKE CITY, UTAH 84116  
533-5771

State Lease No. \_\_\_\_\_  
Federal Lease No. \_\_\_\_\_  
Indian Lease No. 2055  
Fee & Pat. \_\_\_\_\_

## REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Wildcat/South Ismay

The following is a correct report of operations and production (including drilling and producing wells) for the month of:

OCTOBER, 19 81

Agent's Address 410 17th St.  
Suite 1400  
Denver, Co. 80202  
Phone No. (303) 623-1000

Company DAVIS OIL COMPANY  
Signed [Signature]  
Title Production Services Manager

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NE 30	40S	26E	1-A	0	0		0	0	0	9-21-81 DRLG. TO 2986'. 9-30-81 DST #1. TESTED ISMAV 5655- 5700. 10-2-81 DST #2 TESTED DESERT CREEK 5765-5770. 10-4-81 RAN 140 JTS. OF 5 1/2" CSG. 15.5# K-55 CSG. SET AT 5913 KB. CMTD. WITH 600 SYX. 10-5-81 THRU 10-20-81 W.O.C.T.

## GAS: (MCF)

Sold NONE  
Flared/Vented ↓  
Used On/Off Lease ↓

## OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month NONE  
Produced during month ↓  
Sold during month ↓  
Unavoidably lost ↓  
Reason: ↓  
On hand at end of month ↓

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED

December 28, 1981

Davis Oil Company  
410 17th Street, Suite 1400  
Denver, Colorado 80202

Re; Well No. South Ismay #1-A  
Sec. 30, T. 40S, R. 26E  
San Juan County, Utah  
(September 1981- November 1981)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING



Cari Furse  
Clerk Typist

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

DAVIS OIL COMPANY

3. ADDRESS OF OPERATOR

410 17th St., Suite 1400 Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

NE NE Sec. 30, T40S, R26E

At top prod. interval reported below

same 660FNL 1160 FEL

At total depth

same

14. PERMIT NO.

DATE ISSUED

43-03730706

8-14-81

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

19. ELEV. CASINGHEAD

9-17-81

10-2-81

T.A. 12-9-91

4988' GL 4998' KB

20. TOTAL DEPTH, MD &amp; TVD

21. PLUG, BACK T.D., MD &amp; TVD

22. IF MULTIPLE COMPL.,

23. INTERVALS

ROTARY TOOLS

CABLE TOOLS

5867'

5859'

0

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Ismay &amp; Desert Creek

5829'-5834'

5671'-5681'

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, BHC, CNL-FDC, DIL, HDT

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT
9 5/8"	36#	1335'	12 1/4"		48
5 1/2"	15.5#	5913'	8 3/4"		49,800

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

5829'-5834' .43 20 holes

5671'-5681' .43 15 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5829'-5834'	15,000 gals. 300 WGA-1,
5671'-5681'	17,000 gals. slick EGL wtr,
	15,500 gals. 20% SAN-1,
	1000 gals. 15% SAN-1.

33.\*

## PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		TEMPORARILY ABANDONED					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Geological reports previously submitted

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Division Manager

DATE

12/17/81

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see Item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

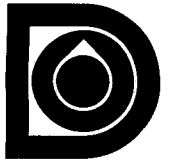
37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Morrison	surface	
				Ismay	5517'	
				Upper Ismay	5575'	
				Lower Ismay	5645'	
				Gothic	5663'	
				Desert Creek	5711'	
				Akah	5847'	
				TD	5867'	

NO. 2428-10000  
DIVISION OF  
OIL & GAS  
RECEIVED  
MAY 10 1961

DAVIS OIL COMPANY

410 - 17TH STREET, SUITE 1400  
DENVER, COLORADO 80202  
TELEPHONE: 303-623-1000

NEW ORLEANS  
HOUSTON  
TULSA



December 10, 1981

Department of Natural Resources  
Division of Oil & Gas  
1588 West North Temple  
Salt Lake City, Utah 84116

**RECEIVED**  
DEC 18 1981

**DIVISION OF  
OIL, GAS & MINING**

USGS  
745 West 1700 South  
Administration Bldg., Room 2000  
Salt Lake City, Utah 84104

RE: #1-A South Ismay  
NWNE Sec. 30, T40S, R26E  
San Juan County, Utah

Gentlemen:

Enclosed are your requested number of copies of the geological report  
on the above captioned well for your files.

Very truly yours,

DAVIS OIL COMPANY

Stacey L. Williams  
Geological Clerk

/sw  
Enclosures

**RECEIVED**

DEC 18 1901

**DIVISION OF  
OIL, GAS & MINING**

GEOLOGICAL REVIEW

DAVIS OIL CO.

South Ismay, Fed. 1-A

Sec. 30, T 40 S - R 23 E

San Juan Co. Utah

B. F. LATCH



## GEOLOGICAL REVIEW

DAVIS OIL CO.  
South Ismay, Fed. 1-A  
Sec. 30, T 40 S - R 23 E  
San Juan Co. Utah

### GENERAL OPERATIONS:

The drilling of this well was undertaken using rotary tools. A fresh water, chemically treated gel mud was utilized as the circulating medium.

The drilling objectives were achieved with a minimal amount of operational problems and at no time did hazards develop that constituted an undue danger to either the drilling equipment or the personnel involved in the operation.

### EVALUATION:

A one man mud logging unit was utilized from a depth of 4500' to the total depth of 5908'. This sufficiently covered all of the recognized producing zones in the area. This unit was equipped with both a chromatograph and a hot wire unit for hydrocarbon analysis.

All samples were caught and microscopically examined while drilling was in progress.

Significant shows were encountered in both the lower Ismay and in the Desert Creek horizons. Both intervals were drill stem tested with the Ismay yielding substantial amounts of water and the Desert Creek indicating a tight impermeable zone.

Upon reaching the total depth of 5908' the following sequence of logs were run by Schlumberger.

DIL-SFL w Gamma Ray & SP

5908 - 1525

BHC Sonic w Gamma Ray & caliper	5907 -1497
FDC CNL w Gamma Ray & caliper	5907 -4490
Dipmeter	5907 -4490

Both qualitative and quantitative analysis of these logs revealed no additional zones of interest.

They confirmed the DST evaluation of the lower ismay zone of porosity from 5696' to 5708' as being wet and having no real commercial value.

The Desert Creek porosity from 5830 - 5835 indicated fair porosity, low permeability, and questionable water saturations. It may be possible to make a marginal producer from this zone although it should be pointed out that the reserves will be probably marginal.

#### CONCLUSIONS:

The potentially productive zones in this well seem to range from wet to marginal. Oil production may be achieved from the Desert Creek zone. Any production from the lower ismay will undoubtedly be accompanied by a very large water cut.

#### RECOMMENDATIONS:

Both structural and stratigraphic evaluations of the prospect area should be reviewed in light of this additional information.

If a completion is to be attempted, valuable reservoir information can be attained and should be evaluated very carefully.

IMPORTANT TOPS:

<u>AGE</u>	<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>
Pennsylvanian	Hermosa	4640	+ 361
"	Ismay (upper)	5562	- 561
"	Ismay (lower)	5666	- 665
"	Desert Creek	5761	- 760
"	Paradox salt	5897	- 896

=====

DST # 1, 5655 - 5700

1st. flow = 15 mins. open w weak blow, incrsg. to fair.  
1st. SI = 45 mins.  
2nd. flow = 90 mins. open w weak blow, incrsg. to fair,  
remains thruout test. GTS after 75 mins. 2 psi  
on 1/8" ck = 700 cfd.  
2nd. SI = 180 mins.

Gauge @	5624	5666
IHP	2964	2949
IFP	219 - 232	85 - 247
ISIP	2003	2077
FFP	332 - 419	272 - 496
FSIP	1991	2065
FHP	2864	2911

T = 128°F

Pipe recovery = 960' fluid, 90' gas and mud cut oil, 870'  
gas and water cut drilling mud.

DST # 2, 5770 - 5860

1st. flow = 15 mins. open w weak blow air, continues.  
2st. SI = 45 mins.  
2nd. flow = 90 mins. open w weak blow, 1 oz. continues  
uniform thruout test period.  
2nd. SI = 180 mins.

Gauge @	5748	5781
IHP	2967	2986
IFP	32 - 32	48 - 48
ISIP	144	210
FFP	32 - 45	48 - 60
FSIP	531	658
FHP	2889	2936

T = 128°F

Pipe Recovery = 60' slightly gas cut drilling mud.

DAVIS OIL COMPANY

~~INTERNAL~~ ~~DATE SLIP~~

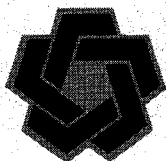
D. 1/6/82

TO

CARI FURSE

- |   |   |
|---|---|
| <input type="checkbox"/> FOR YOUR INFORMATION | <input type="checkbox"/> PLEASE APPROVE       |
| <input type="checkbox"/> PLEASE HANDLE        | <input type="checkbox"/> PLEASE SEE ME        |
| <input type="checkbox"/> FOR FILING           | <input type="checkbox"/> PLEASE ADVISE        |
| <input type="checkbox"/> FOR MAILING          | <input type="checkbox"/> PLEASE NOTE & RETURN |

REMARKS: WELL HISTORY REPORTS PER  
YOUR REQUEST DATED 12/28/81.  
IN THE FUTURE THESE REPORTS  
WILL BE SUBMITTED IN DAILY DRILLING  
& COMPLETION FORMAT.  
IF ANY QUESTIONS, PLEASE CALL ME.  
FROM PAMELA LEIGHTON (303) 629-8963



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 28, 1981

Davis Oil Company  
410 17th Street, Suite 1400  
Denver, Colorado 80202

Re; Well No. South Ismay #1-A  
Sec. 30, T. 40S, R. 26E  
San Juan County, Utah  
(September 1981- November 1981)

*Both State & fed. wells  
required. EXTRA CC OF  
OGC-4 IS OK OR SUNDY FORM OGC 1b*

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Clerk Typist

RECEIVED  
JAN 11 1982

DIVISION OF  
OIL, GAS & MINING

*DEBBIE WILL CALL ME  
BACK - MAY BE ABLE TO  
SUPPLY REFS. BOOK*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
1588 WEST NORTH TEMPLE  
SALT LAKE CITY, UTAH 84116  
533-5771

State Lease No. \_\_\_\_\_  
Federal Lease No. \_\_\_\_\_  
Indian Lease No. 2055  
Fee & Pat. \_\_\_\_\_

## REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Wildcat/South Ismay

The following is a correct report of operations and production (including drilling and producing wells) for the month of:

NOVEMBER, 19 81

Agent's Address 410 17th St.  
Suite 1400  
Denver, Co. 80202  
Phone No. (303) 623-1000

Company DAVIS OIL COMPANY  
Signed P. M. Hagler  
Title Production Services Manager

Day and Month of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
JUNE 30	405	26E	1-A	0	0	0	0	0	0	10-21-81 THEN 10-25-81 W.O.C.T 10-29-81 PERF DESERT CREEK 5793' - 5834' 20 HOLES. 11-2-81 - BREAKDOWN WITH 500 GAL 2 SAN-1, 7500 GAL, 30#, WGA-1, 7500- GAL 20% SAN-1 ACID, 7500 GAL 30% WGA-1. 11-3-81 - 11-9-81 SWABBING 11-18-81 ACIDIZE LOWER PERF. 582 5834' W/550 GAL SAN-1 (HCL). 11-20-81 PERFORM SHOOT LOWER ISMAY ZONE - 5672'- 5662' - 15 SHOTS TOTAL.

RECEIVED  
JAN 11 1982  
DIVISION OF  
OIL, GAS & MINING

GAS: (MCF)

Sold NONE  
Flared/Vented \_\_\_\_\_  
Used On/Off Lease ✓

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month NONE  
Produced during month \_\_\_\_\_  
Sold during month \_\_\_\_\_  
Unavoidably lost \_\_\_\_\_  
Reason: \_\_\_\_\_  
On hand at end of month \_\_\_\_\_

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 13, 1982

Davis Oil Company  
410 17th St., Suite 1400  
Denver, Colorado 80202

Re: Well No. South Ismay #1-A  
Sec. 30, T. 40S, R. 26E  
San Juan County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office December 14, 1981, from above referred to well, indicates the following electric logs were run: CBL, BHC, CNL-FDC, DIL, HDT. As of today's date, this office has not received these logs: BHC, CNL-FDC, DIL, HDT.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist





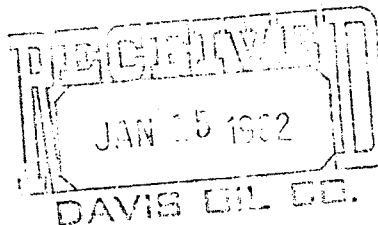
STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 13, 1982

*7-11-82*  
Davis Oil Company  
410 17th St., Suite 1400  
Denver, Colorado 80202



Re: Well No. South Ismay #1-A  
Sec. 30, T. 40S, R. 26E  
San Juan County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office December 14, 1981, from above referred to well, indicates the following electric logs were run: CBL, BHC, CNL-FDC, DIL, HDT. As of today's date, this office has not received these logs: BHC, CNL-FDC, DIL, HDT.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

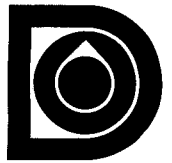
*Cari Furse*

Cari Furse  
Clerk Typist

DAVIS OIL COMPANY

410 - 17TH STREET, SUITE 1400  
DENVER, COLORADO 80202  
TELEPHONE: 303-623-1000

NEW ORLEANS  
HOUSTON  
TULSA



January 18, 1982

State of Utah  
Natural Resources & Energy  
4241 State Office Building  
Salt Lake City, UT 84114

RE: #1-A South Ismay  
Sec. 30, T40S, R26E  
San Juan County, Utah

Gentlemen:

Enclosed are your requested logs on the above captioned well for your files. The DIL log will be sent as soon as it has been reprinted.

Very truly yours,

DAVIS OIL COMPANY

A handwritten signature in black ink that reads "Stacey".

Stacey L. Williams  
Geological Clerk

/sw  
Enclosures

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL & GAS CONSERVATION**

1588 WEST NORTH TEMPLE  
SALT LAKE CITY, UTAH 84116  
533-5771

State Lease No. \_\_\_\_\_

Federal Lease No. \_\_\_\_\_

Indian Lease No. 2055

Fee &amp; Pat. \_\_\_\_\_

## REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Wildcat/South Ismay

The following is a correct report of operations and production (including drilling and producing wells) for the month of:

MARCH, 1982.

Agent's Address 410 17th St.  
Suite 1400  
Denver, Co. 80202

Phone No. (303) 623-1000

Company DAVIS OIL COMPANY  
Signed *D.M. Leighton*  
Title Production Services Manager

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NE 30	405	26E	1-A	-0-	-0-	-0-	-0-	-0-	-0-	T.A. AS OF <u>12-9-81.</u>

**GAS: (MCF)**

Sold NONE

Flared/Vented -----

Used On/Off Lease                     

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month NONE

Produced during month 1

Sold during month \_\_\_\_\_

Unavoidably lost

Reason: \_\_\_\_\_

On hand at end of month                     

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. ***THIS REPORT MUST BE FILED***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR  
*Davis Oil Company*

3. ADDRESS OF OPERATOR  
*410 17th St, Suite 1400, Denver*

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
*660' FNL, 1160' FEL*  
AT SURFACE: *NE NE Sec. 30, T40S, R26E*  
AT TOP PROD. INTERVAL: *SAME*  
AT TOTAL DEPTH: *"*

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

SUBSEQUENT REPORT OF:

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☒

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF  
OIL, GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

*Casing Record: 9 5/8" 36# K-55 set at 1334'*  
*Cemented with 396 SX HOWCO Light and 200 SX class B Next*  
*5 1/2" 15.5# K-55 set at 5319'*  
*Cemented with 500 SX POZ w/2% gel and 3% KCL.*  
*Cement plugs: 35 SX class B from 5700-5438 (inside 5 1/2")*  
*Perfs: 4 holes at 3000'. 50 SX class B 3000'-2866 (inside & outside 5 1/2")*  
*4 " " 1585'-50 " " 1585-1451 " " " "*  
*10 " " " 75-0 (inside 5 1/2")*

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct *Asst. Dist. Supt.*

SIGNED *C.E. Powell*

TITLE *8/6/82*

DATE *7-30-82*

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: *8/11/82*

BY: *[Signature]*

See Instructions on Reverse Side

DATE

RECEIVED BY PRODUCTION

AUG 11 1982

RECEIVED  
AUG 25 1982

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

Report for the Month of July 1992 API Number 30706  
 Name of Well or Unit South Ismay #1-A Operator Davis Oil Company  
 Field Name Wildcat County San Juan Township 40S Range 26E Section 30  
 Report Prepared By: ☒ Operator ☐ Purchaser ☐ Working Interest Owner ☐ Other

(1)	(2)	(3)	(4)	(5)			(6)	(7)	(8)	(9)
Product	Sales In Barrels or MCF	Market Value per barrel or MCF	Gross Market Value	Royalties Due or Paid			Amount used in producing, Repressuring or Recycling Operations (\$)	Total Amount Assessable (Col. 4 less Col. 5 & 6)	Levy 2 Mills	Amount Due Division
				U.S. Gov't.	State	Indian				
GAS (1)	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	\$ .002	\$ .00
OIL (2)	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	\$ .002	\$ .00
Other Hydro- carbons	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	\$ .002	\$ .00

TOTAL AMOUNT DUE DIVISION OF OIL, GAS, AND MINING ..... \$

(1) Totals carried from Form OGC-5c

(2) Totals carried from Form OGC-5b

Company Davis Oil Company  
 Address 410 17th St., Suite 1400 Denver, CO. 80202  
 Phone No. (303) 629-8963

By Pamela Dighton  
Production Services Manager  
 (Title)  
8/20/92  
 (Date)

INSTRUCTIONS: Complete this form in duplicate and mail to the Division of Oil, Gas, and Mining, 4241 State Office Building, Salt Lake City, Utah 84114, together with your check made payable to the Division of Oil, Gas, and Mining.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
4241 State Office Building  
Salt Lake City, Utah 84114

South Ismay #1-A

PRODUCTION AND DISPOSITION - LIQUID HYDROCARBONS

Name of Individual or Company Davis Oil Company County San Juan

Field Wildcat

Agents Address 410 17th St., Suite 1400 Denver, CO. 80202 Phone (303) 629-8963

Title Production Services Manager Signature Pamela Leight

Month JULY Year 1982  
Report Prepared by: ☒ Operator ☐ Working Interest Owner ☐ Other

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SEC/TWP/RAN API NUMBER	Beginning Inventory	Prod. Oil & Cond.	Volume Sold	Value Received	W.I. Take Name/Amt.(bbls.)	Royalty Amt./Code	Ending Inventory
30/40S/26E 30706	NONE	NONE	NONE	.00	—	.00 (3)	NONE
(Totals to be carried to Form OGC-5a)							

Royalty Code: State - 1  
Federal - 2  
Indian - 3  
Fee - 4

\*REPORT ALL VOLUMES IN API BARRELS TO THE NEAREST HUNDREDTH  
Operator complete columns 1 thru' 8; Working Interest complete columns 4, 5, 7.  
Report totals of columns 4, 5, and 7 on Form 5a.

NOTE: THE API NUMBER MUST BE NOTED ON EACH WELL.  
LIST API NUMBER BELOW THE SEC/TWP/RANGE.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
4241 State Office Building  
Salt Lake City, Utah 84114

South Ismay #1-A

PRODUCTION AND DISPOSITION - NATURAL GAS

Name of Individual or Company Davis Oil Company County San Juan

Field Wildcat

Agents Address 410 17th St., Suite 1400 Denver, CO. 80202 Phone (303) 629-8963

Title Production Services Manager Signature Pamela Leighton

Month JULY Year 1982  
Report Prepared by: ☒ Operator ☐ Working Interest Owner ☐ Other

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SEC/TWN/RAN API NUMBER	Gross Vol. Prod. (MCF)	Lease Fuel	Plant Fuel & Shrinkage	Flared/ Voided	Volume Sold	Value Received	Royalty Amount and Code
30/40S/26E 30706	NONE	NONE	NONE	NONE	NONE	.00	.00 (3)
(Totals to be carried to Form OGC-5a)							

Royalty Code: State - 1  
Federal - 2  
Indian - 3  
Fee - 4

Operator complete columns 1 thru 8; Working Interest complete columns 4, 5, 7.  
Report totals of columns 4, 5, and 7 on Form 5a.

NOTE: THE API NUMBER MUST BE LISTED ON EACH WELL.  
LIST API NUMBER BELOW THE SEC/TWNSP/RANGE.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS

(Do not use this form for proposals to drill or to complete plug back to a different reservoir. Use "APPLICATION FOR PERMIT TO DRILL" for such proposals.)

JUN 18 1987

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Davis Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 534, Mills, Wyoming 82644

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface

NE 1/4 NE 1/4 Sec. 30-T40S-R26E

660' FNL-1160' FEL

14. PERMIT NO.

43-03730706

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4988 GR Est.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2055

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo-Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

South Ismay

9. WELL NO.

#1-A

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 30-T40S-R26E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Final Abandonment Notice XX

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised that the reference well site and access road has been restored, seeded and surface marker set.

A recent inspection on May 6, 1987 by a company representative of the well site and access road revealed that the vegetation has established.

We feel the site is ready for your inspection and possible bond liability release.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Field Representative

DATE May 8, 1987

Garry L. Roggeow  
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side